Amendments to the Specification:

Please replace the paragraph, beginning at page 15, line 20, with the following rewritten paragraph:

While the input image is shown in Fig. 4 and the learning images are shown in Fig. 5, Fig. 10 illustrates similar windows stored in similar window database 841, Fig. 11 illustrates examples of same-type window data stored in same-type window database 843, Fig. 12 illustrates a data output of similar window extracting means 803, and Fig. 13 illustrates a resultant output of counting means 806.

Please replace the paragraph, beginning at page 16, line 2, with the following rewritten paragraph:

The input image of each object to be identified is divided into learning windows having the same size as the input local windows of the input image shown in Fig. 5, and each learning window data is stored together with its window number and the coordinates at the center thereof in learning image database 841. Fig. 5 shows such two learning windows as learning images 1 and 2 for identifying a sedan-type vehicle in the shown direction and size. Same-type window database 843 stores the image data of a representative learning window of each group of the similar windows, such as shown in Fig. 10, and the coordinates of each of the other learning windows in the group, which are retrieved from learning image database 841 by similar window integrating unit 842 as shown in Fig. 11.